

App. No. 10/710,583
Post-Allowance '312 Amendment dated January 13, 2006

Amendments to the Specification (other than claims):

Please replace paragraph [0017] with the following amended paragraph:

[0017] It is consequently the general rule that this so-called outer-rotor type of spindle motor, in which the cylindrical outer surface of the rotor magnets 120 is adhesively fastened to the cylindrical inner surface of the rotor hub 114, is designed so that the separation between the inner diameter of the cylindrical inner surface of the rotor hub 114 and the outer diameter of the cylindrical outer surface of the rotor magnets 120 forms a clearance of several $[[\square m]] \mu m$. But precisely because the clearance formed is only a few $[[\square m]] \mu m$, it is difficult to get the amount of adhesive that is applied to be uniform over the entire circumference of the joint. For this reason, if the rotor hub 114 is of short axial and/or radial dimension, stresses produced by hardening and contracting of the adhesive become non-uniform along the circumference, which creates distortion in the joined components. Such distortion is prohibitive of mounting the recording disk(s) on the rotor hub 114 so that the recording face is virtually orthogonal with respect to the center axis of the spindle motor, such that RRO (repeatable runout) worsens.

Please replace paragraph [0052] with the following amended paragraph:

[0052] It should be noted that the arithmetic mean roughness (roughness average R_a) of the shaft cylindrical surface is $[[0.1 \square m]] 0.1 \mu m$ or more and $[[1.6 \square m]] 1.6 \mu m$ or less, and preferably is from $[[0.3 \square m]] 0.3 \mu m$ to $[[0.8 \square m]] 0.8 \mu m$. This surface smoothness enables all the better sliding performance to be gained from the shaft, further enabling stabilized rotational performance to be achieved.